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CENTRAL INTELLIGENCE AGENCY

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Bacteriological and Chemical Warfare Training

1. [REDACTED] 25X1
 [REDACTED] training in medical defense against either BW or CW. The 25X1
 only reference to either was mention of the effect of war gases, the 25X1
 irritation of mucous membranes and the results of tear and mustard gas 25X1
 use, which was made in the appropriate chapters of books on pharmacology 25X1
 and pathological anatomy. [REDACTED] there was a lecture series on 25X1
 chemical warfare at the University of Budapest given by the Department of 25X1
 Pharmacology. These lectures were given twice weekly for half a year. 25X1
 Attendance was optional. The discovery of nerve gases had not penetrated 25X1
 to Hungarian medical teaching at that time. [REDACTED] 25X1
 [REDACTED] 25X1

Soviet-directed Microbiological Research

2. [REDACTED] 25X1
 The head of the Department of Bacteriology at the University of Budapest, Dr 25X1
 F. Farago, fell into disfavour and was replaced in 1946. [REDACTED] 25X1
 In 1948 there were several contacts between that 25X1
 department and the USSR. One of the faculty members, an assistant professor 25X1
 [REDACTED] spent a year in the USSR. In 1948 an assistant 25X1
 from the Dermatology Clinic at Pecs was sent for a year first to the 25X1
 University of Budapest Department of Bacteriology for study of fungi and 25X1
 then on to Moscow on a scholarship. This assistant was a woman named Olga 25X1
 [REDACTED] If there was more coordination with 25X1
 Soviet medical schools than this, [REDACTED] unaware of it. There seemed to be 25X1
 no organized exchange program either among the faculty or the students. 25X1
 The only foreign students at Szeged University [REDACTED] 25X1

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Bulgaria. There were always Bulgarian students [redacted]
[redacted] their numbers have increased.

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25X1Antibiotics

3. [redacted] Sulfa drugs were produced 25X1
in adequate quantities [redacted]. The sulfas were the principal treatment for cocci infections. Penicillin was available only at a very high price or to those who could obtain it from the West. [redacted] 25X1
[redacted] several attempts to introduce penicillin cultures but serious efforts to secure these cultures were delayed because of rumors of success in chemical synthesis. These rumors were never justified or verified [redacted] 25X1
In 1947 or 1948 the Servita factory in Budapest started to import penicillin from the West in small quantities. Streptomycin was so scarce as to be practically unavailable. Servita made a small beginning in 1947 in pharmaceutical manufacture by producing adrenalin, thrombin, azulenol, and a few other products. Other manufacturers in Budapest were Chinoim, Rck. Wender, Richter, and Magyar Pharma. [redacted] 25X1
[redacted] Richter, Chinoim, and Wender were largest.
Magyar Pharma made insulin principally.

Research on Cholinesterase and Ergot

4. Very little attention was given to research on cholinesterase. [redacted] 25X1
[redacted] two papers connected with it were given at the meetings of the Physiological Society in Peccs in the summer of 1948. One of the two scientists presenting these papers was from the University of Debrecen. The other man was associated with Dr. Estvan Huszak of the University of Szeged. The latter's paper gave an account of estimating the enzyme in the spinal fluid. [redacted] 25X1

-end-

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